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IN THE CLAIMS:

Please amend the claims as follows:

- 1. Cancelled
- 2. Cancelled
- 3. Cancelled
- 4. (Currently Amended) In a digital video television communication system having a headend coupled to a two-way communication medium and at least one digital video settop box coupled to said two-way communication medium, said headend transmitting on a plurality of communication channels including first and second in-band video channels and an out-of-band region having at least one out-of-band communication channel, said first in-band video channel having a first plurality of multiplexed digital video channels, said second in-band video channel having a second plurality of multiplexed digital video channels, one of said multiplexed digital video channels in said first in-band video channel associated with an IP connection, a method of operation comprising:

sending a channel resource request from said settop box to said headend, said channel resource request representing a channel change at said settop box from said one of the multiplexed digital video channels in said first in-band video channel to one of the multiplexed digital video channels in said second in-band video channel, said channel resource request for changing the IP connection association from said one of the multiplexed digital video channels in said first inband video channel to said one of the multiplexed digital video channels in said second in-band video channel;

determining whether said second in-band video channel has an available communication channel for transporting IP data of the IP connection in said second in-band video channel using IP over MPEG data packets;

selecting a selected communication channel at said headend by selecting one of:

said available communication channel if said second in-band video channel has the available communication channel for transporting the IP data in said second in-band video channel; and

one of the at least one out-of-band communication channel in-said out-of-band region of said digital-video television-communication system if said second in-band video channel does not have the available communication channel for transporting the IP data in said second in-band video channel:

sending a channel resource confirmation message from said headend to said settop box, said channel resource confirmation message identifying said selected communication channel; and

selecting said selected communication channel at said settop box for receiving the IP data from said headend.

- 5. (Currently Amended) A method in accordance with claim 4, wherein said selected communication channel is identified in said channel resource confirmation message by a packet ID (PID) for carrying said IP over MPEG data packets on one-of said second in-band video channels.
- 6. (Previously presented) A method in accordance with claim 4, wherein said selected communication channel is identified in said channel resource confirmation message as the out-of-band communication channel in said out-of-band region of said digital video television communication system.
 - Cancelled
 - Cancelled
 - Cancelled

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10. (Currently Amended) In a headend for a digital video television communication system including said headend coupled to a two-way communication medium and at least one digital video settop box coupled to said two-way communication medium, said headend transmitting on a plurality of communication channels including first and second in-band video channels and an out-of-band region having at least one out-of-band communication channel, said first in-band video channel having a first plurality of multiplexed digital video channels, said second in-band video channel having a second plurality of multiplexed digital video channels in said first in-band video channels, one of said multiplexed digital video channels in said first in-band video channel associated with an IP connection, a method of operation comprising:

receiving a channel resource request from said settop box at said headend, said channel resource request representing a channel change at said settop box from said one of the multiplexed digital video channels in said first inband video channel to one of the multiplexed digital video channels in said second in-band video channel, said channel resource request for changing the IP connection association from said one of the multiplexed digital video channels in said first in-band video channel to said one of the multiplexed digital video channels in said second in-band video channel;

determining whether said second in-band video channel has an available communication channel for transporting IP data of the IP connection in said second in-band video channel using IP over MPEG data packets;

selecting a selected communication channel at said headend by selecting one of:

said available communication channel if said second in-band video channel has the available communication channel for transporting the IP data in said second in-band video channel; and

one of the at least one out-of-band communication channel in said out-of-band region of said digital video television communication system if said second in-band video channel does not have the available

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communication channel for transporting the IP data in said second in-band video channel; and

sending a channel resource confirmation message from said headend to towards said settop box, said channel resource confirmation message identifying said selected communication channel.

- 11. (Currently Amended) A headend method in accordance with claim 10, wherein said selected communication channel is identified in said channel resource confirmation message by a packet ID (PID) for carrying said IP over MPEG data packets on one of said second in-band video channels channel.
- 12. (Previously presented) A headend method in accordance with claim 10, wherein said selected communication channel is identified in said channel resource confirmation message as an out-of-band communication channel in said out-of-band region of said digital video television communication system.
 - 13. Cancelled
 - Cancelled
 - Cancelled
- 16. (Currently Amended) In a settop box for a digital video television communication system having a headend coupled to a two-way communication medium and said settop box coupled to said two-way communication medium, said headend transmitting on a plurality of communication channels including first and second in-band video channels and an out-of-band region having at least one out-of-band communication channel, said first in-band video channel having a first plurality of multiplexed digital video channels, said second in-band video channel having a second plurality of multiplexed digital video channels, one of

said multiplexed digital video channels in said first in-band video channel associated with an IP connection, a method of operation comprising:

sending a channel resource request from said settop box towards said headend, said channel resource request representing a channel change at said settop box from said one of the multiplexed digital video channels in said first inband video channel to one of the multiplexed digital video channels in said second in-band video channel, said channel resource request for changing the IP connection association from said one of the multiplexed digital video channels in said first in-band video channel to said one of the multiplexed digital video channels in said second in-band video channel, wherein said channel resource request is adapted for identifying a selected communication channel at said headend by selecting one of:

an available communication channel in the second in-band video channel if the second in-band video channel has capacity for transporting IP data:

one of the at least one out-of-band communication channel in-the out-of-band region of the digital video television communication system if the second in-band video channel does not have capacity for transporting IP data:

receiving a channel resource confirmation message identifying said selected communication channel; and

selecting said selected communication channel at said settop box for adapting the settop box to receive the IP data of the IP connection from said headend as IP over MPEG data packets.

17. (Currently Amended) A settop method in accordance with claim 16, wherein said selected communication channel is identified in said channel resource confirmation message by a packet ID (PID) for carrying said IP over MPEG data packets on ene of said second in-band video channels channel.

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- 18. (Original) A settop method in accordance with claim 16, wherein said selected communication channel is identified in said channel resource confirmation message as an out-of-band communication channel in said out-ofband region of said digital video communication system.
- 19. (Currently Amended) A digital video television communication system, comprising:

a two-way communication medium having a plurality of communication channels including an out-of-band region having at least one out-of-band communication channel and a plurality of in-band video channels, each of the inband video channels adapted for transporting IP data of an IP connection using a plurality of IP over MPEG data packets, each of said IP over MPEG data packets being identified by a packet ID;

a digital video settop box coupled to said two-way communication medium, said digital video settop box comprising:

a digital video settop transmitter for transmitting a channel resource request on the two-way communication medium in response to a video channel change at said digital video settop box, said channel resource request representing a channel change from a multiplexed digital video channel in a first one of the plurality of in-band video channels to a multiplexed digital video channel in a second one of the plurality of in-band video channels, said channel resource request for changing an association of the IP connection from the first in-band video channel to the second in-band video channel; and

a digital video settop receiver for receiving a channel resource confirmation message identifying a selected communication channel, said selected communication channel comprising one of an available communication channel in ene-of the second in-band video channels channel and or one of the at least one out-of-band communication channel in said out of band region; and

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- a headend coupled to said two-way communication medium, said headend comprising:
 - a headend receiver for receiving said channel resource request; and
 - a headend transmitter for transmitting said channel resource confirmation message to said digital video settop box on said two-way communication medium.
- 20. (Currently Amended) In a digital video television communication system including a two-way communication medium having a plurality of communication channels including a plurality of in-band video channels, each of the in-band video channels adapted for transporting IP data of an IP connection using a plurality of IP over MPEG data packets, each of said IP over MPEG data packets being identified by a packet ID, and a headend coupled to said two-way communication medium, said headend adapted for generating a channel resource confirmation message on said two-way communication medium responsive to a channel resource request, an apparatus comprising:

a digital video settop box, coupled to said two-way communication medium, said digital video settop box comprising:

a digital video settop transmitter coupled to the two-way communication medium for transmitting [[a]] the channel resource request on the two-way communication medium in response to a video channel change at said digital video settop box, said channel resource request representing a channel change from a multiplexed digital video channel in a first in-band video channel of the plurality of in-band video channels to a multiplexed digital video channel in a second in-band video channel of the plurality of in-band video channels, said channel resource request for changing an association of the first in-band video channel with the IP connection to an association of the second in-band video channel with the IP connection; and

a digital video settop receiver coupled to said two-way communication system for receiving a channel resource confirmation message 415519-1

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identifying a selected communication channel, said selected communication channel comprising one of an available communication channel in one of the second in-band video channels channel and or an out-of-band communication channel in an out-of-band region of the digital video television communication system.

21. (Currently Amended) In a digital video television communication system including a settop box coupled to a two-way communication medium having a plurality of communication channels including a plurality of in-band video channels, each of the in-band video channels adapted for transporting IP data of an IP connection using a plurality of IP over MPEG data packets, each of said IP over MPEG data packets being identified by a packet ID, an apparatus comprising:

a headend coupled to said two-way communication medium, said headend comprising:

a headend receiver for receiving a channel resource request from said digital video settop box indicating a video channel change at said digital video settop box, said channel resource request representing a channel change from a multiplexed digital video channel in a first in-band video channel of the plurality of in-band video channels to a multiplexed digital video channel in a second in-band video channel of the plurality of in-band video channels, said channel resource request for changing an association of the first in-band video channel with the IP connection to an association of the second in-band video channel with the IP connection;

a headend selector module coupled to said headend receiver for processing said channel resource request, the headend selector module operable for selecting a selected communication channel by selecting one of:

an available data communication channel from one of said plurality ef second in-band video channels channel identified in the channel resource request if the one of said plurality of second in-band video channels channel has available capacity for transporting the IP data; and

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> an out-of-band communication channel in an out-of-band region of said digital video television communication system [[if]] if the one of said plurality of second in-band video channels channel does not have available capacity for transporting the IP data; and

a headend transmitter coupled to said headend selector module for transmitting a channel resource confirmation message in response to the channel resource request, wherein the channel resource confirmation message identifies the selected communication channel, the selected communication channel adapted for transporting the IP data from the headend towards the digital video settop box.

- 22. (Currently Amended) A headend method in accordance with claim 21, wherein said selected communication channel is identified in said channel resource confirmation message by a packet ID (PID) for carrying said IP over MPEG data packets on one of said second in-band video channels channel.
- 23. (Previously presented) A headend method in accordance with claim 21, wherein said selected communication channel is identified in said channel resource confirmation message as an out-of-band communication channel in said out-of-band region of said digital video communication system.